

Commerce General Architecture

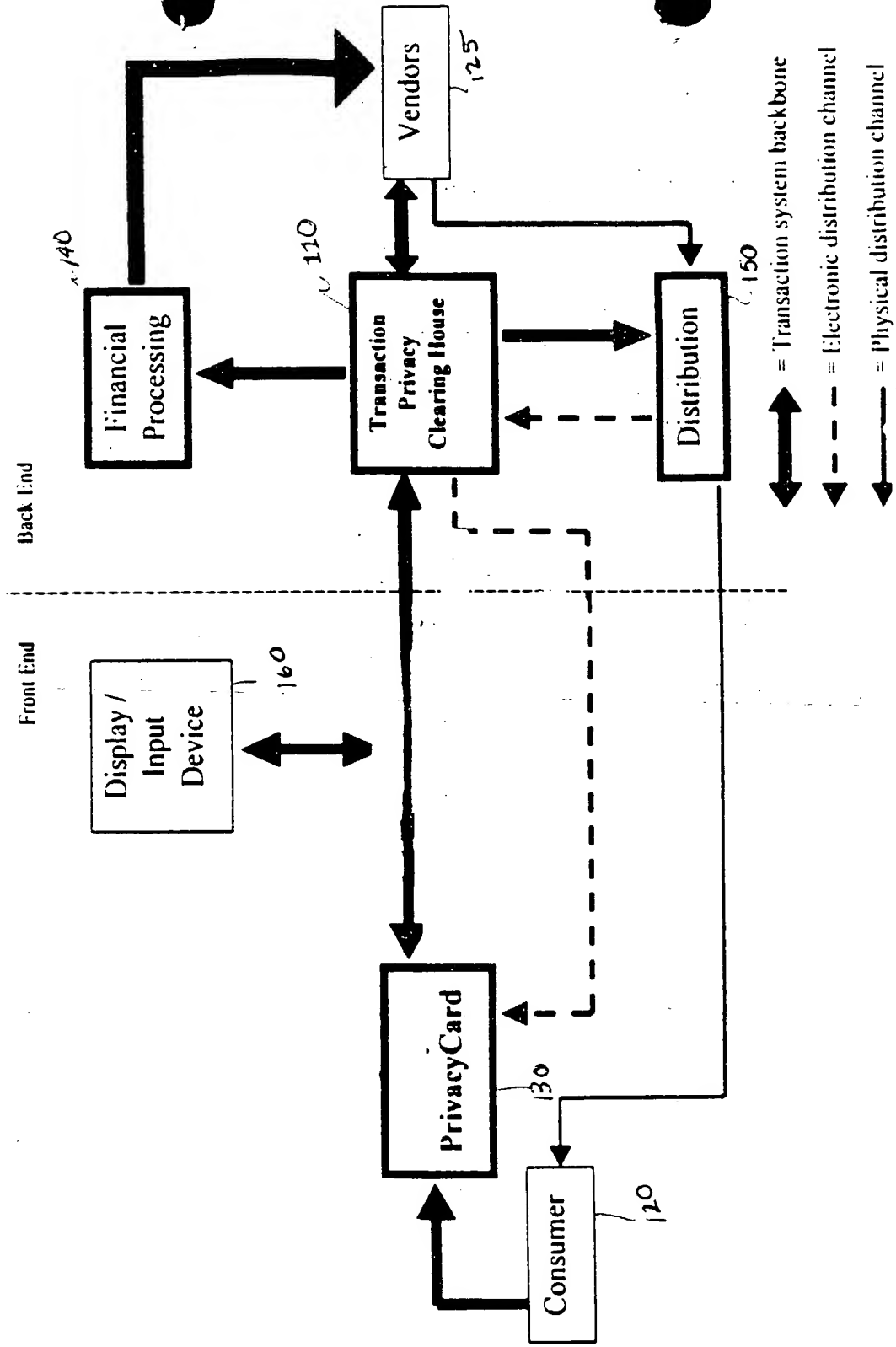


Fig 1

Commerce General Architecture - POS Terminal:

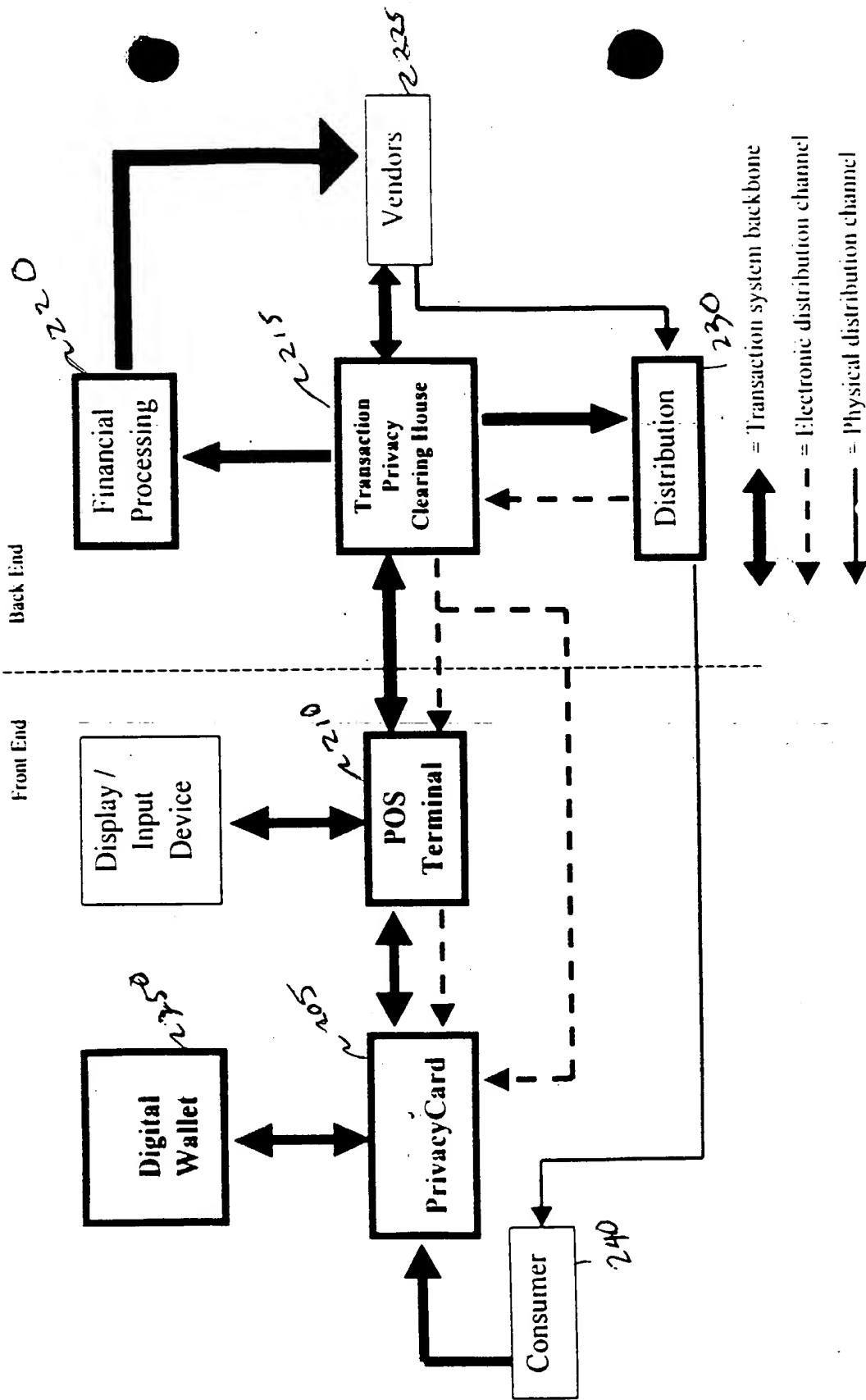


Fig 2

Commerce In-Home Environment

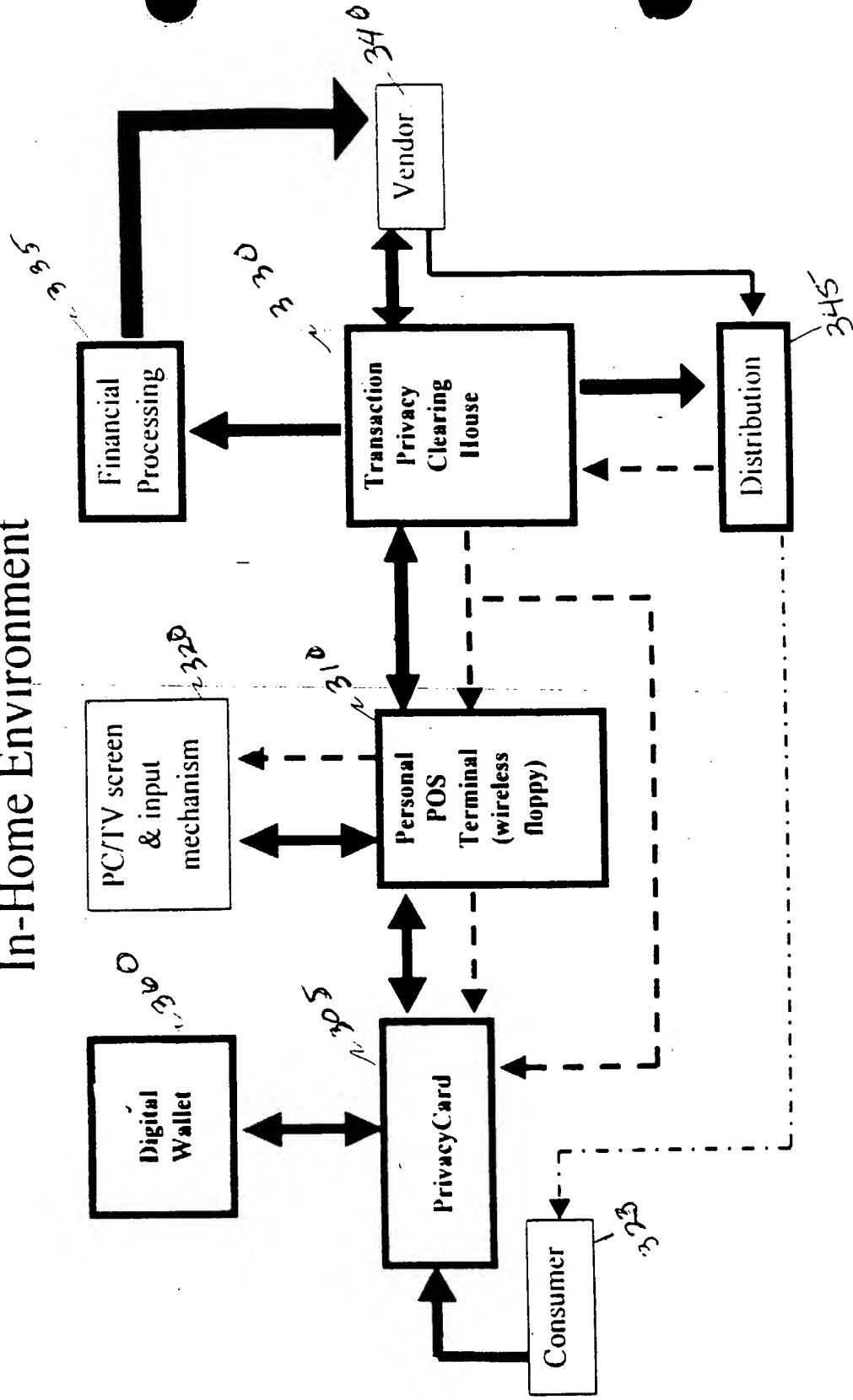


Fig 3

In-Store Retail Environment

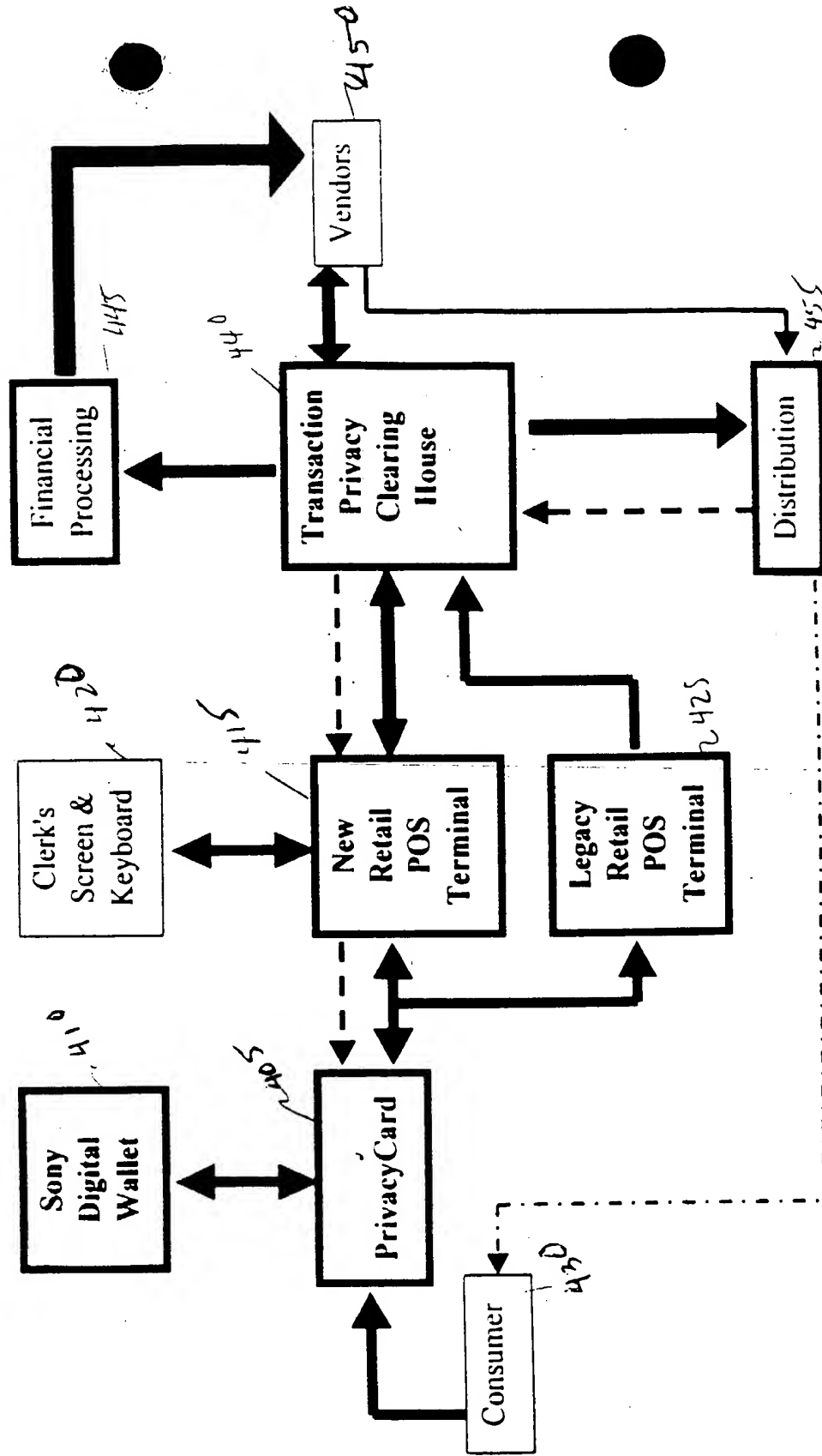


Fig 4

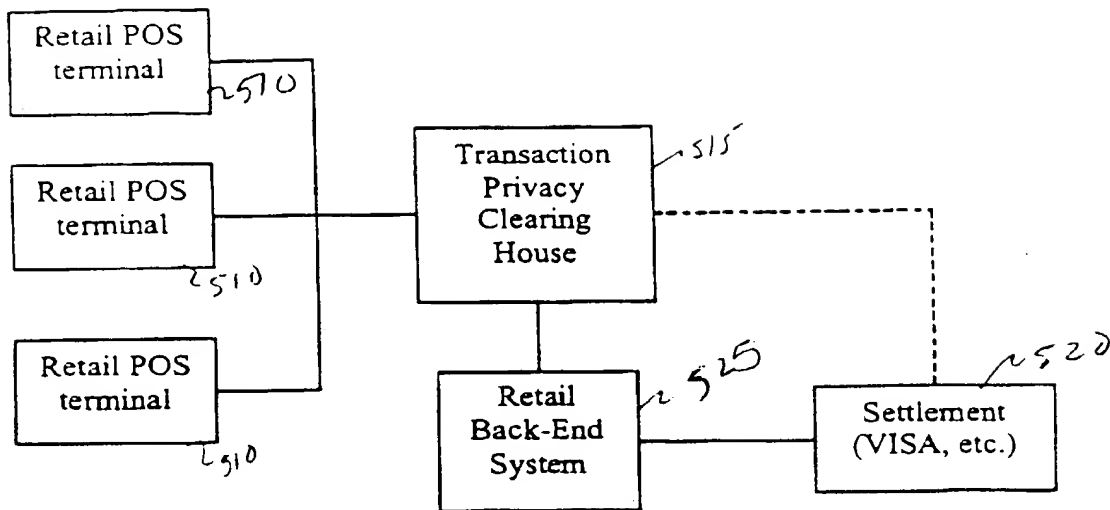


Diagram 5a: A retail system modified to support the interaction of legacy POS terminals with the Digital Wallet system

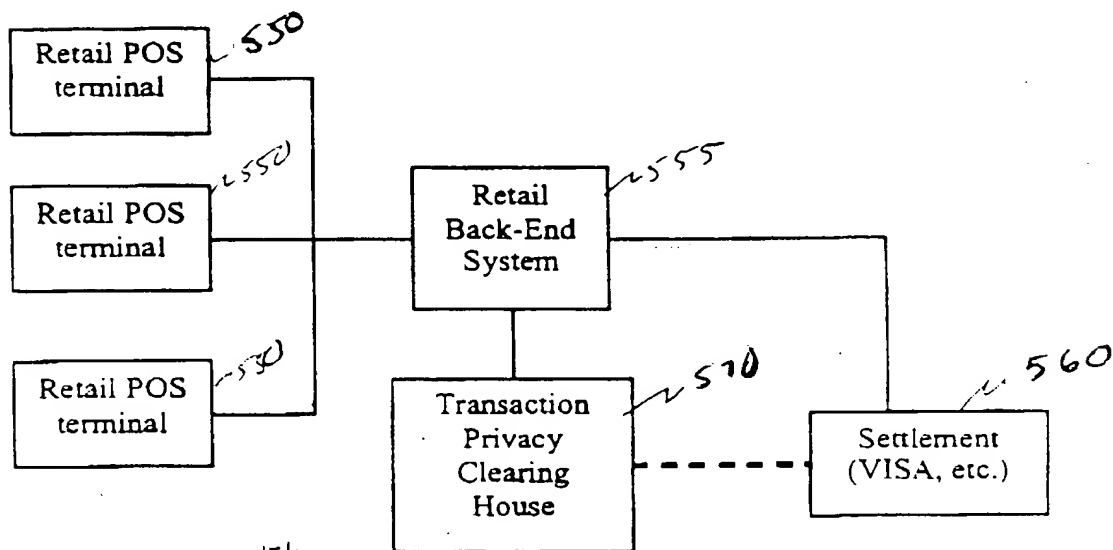
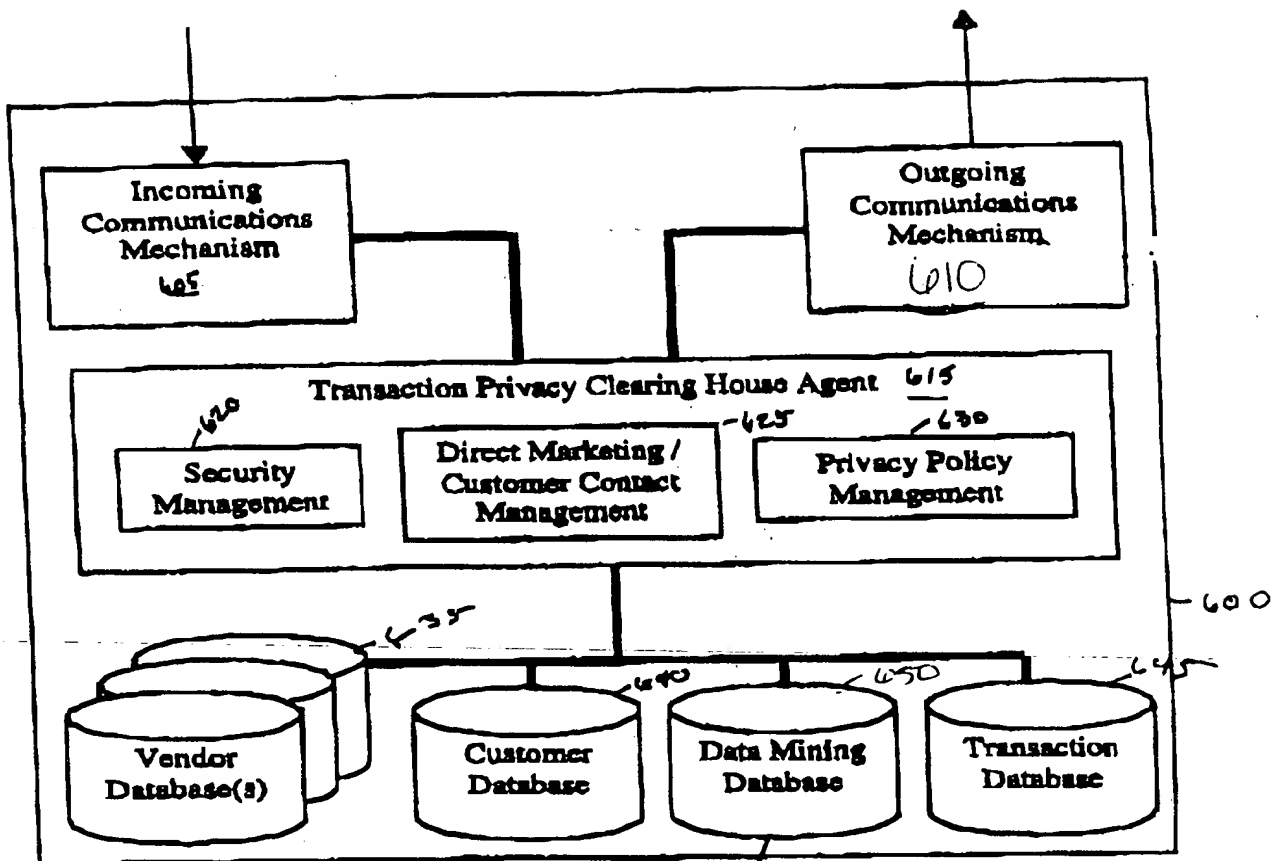


Diagram 5b: An alternative embodiment of the retail system modified to support the interaction of legacy POS terminals with the Digital Wallet system



Transaction Privacy Clearing House: Major Components

Fig. 6

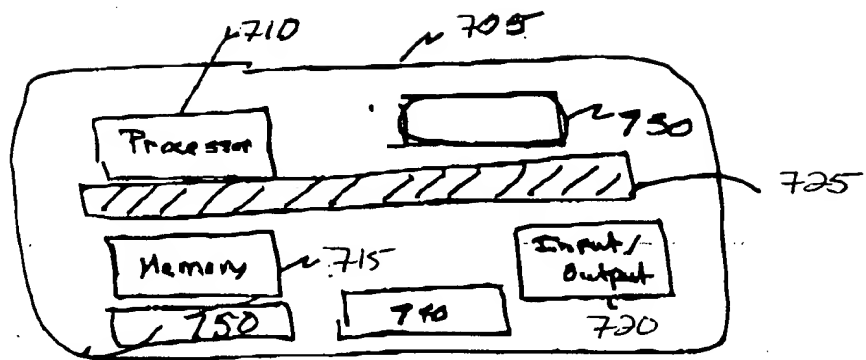


Figure 7a

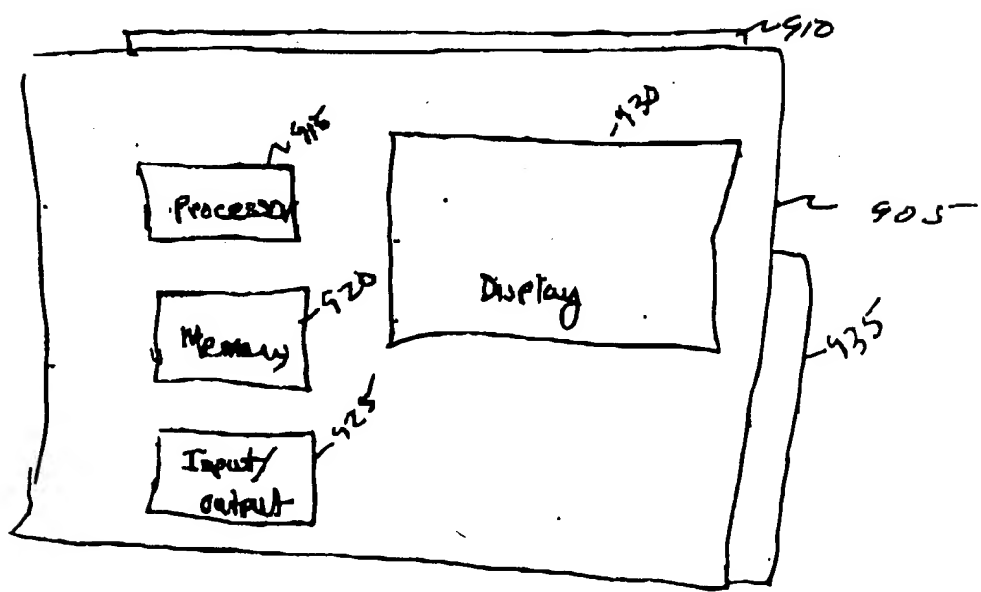


Figure 9a

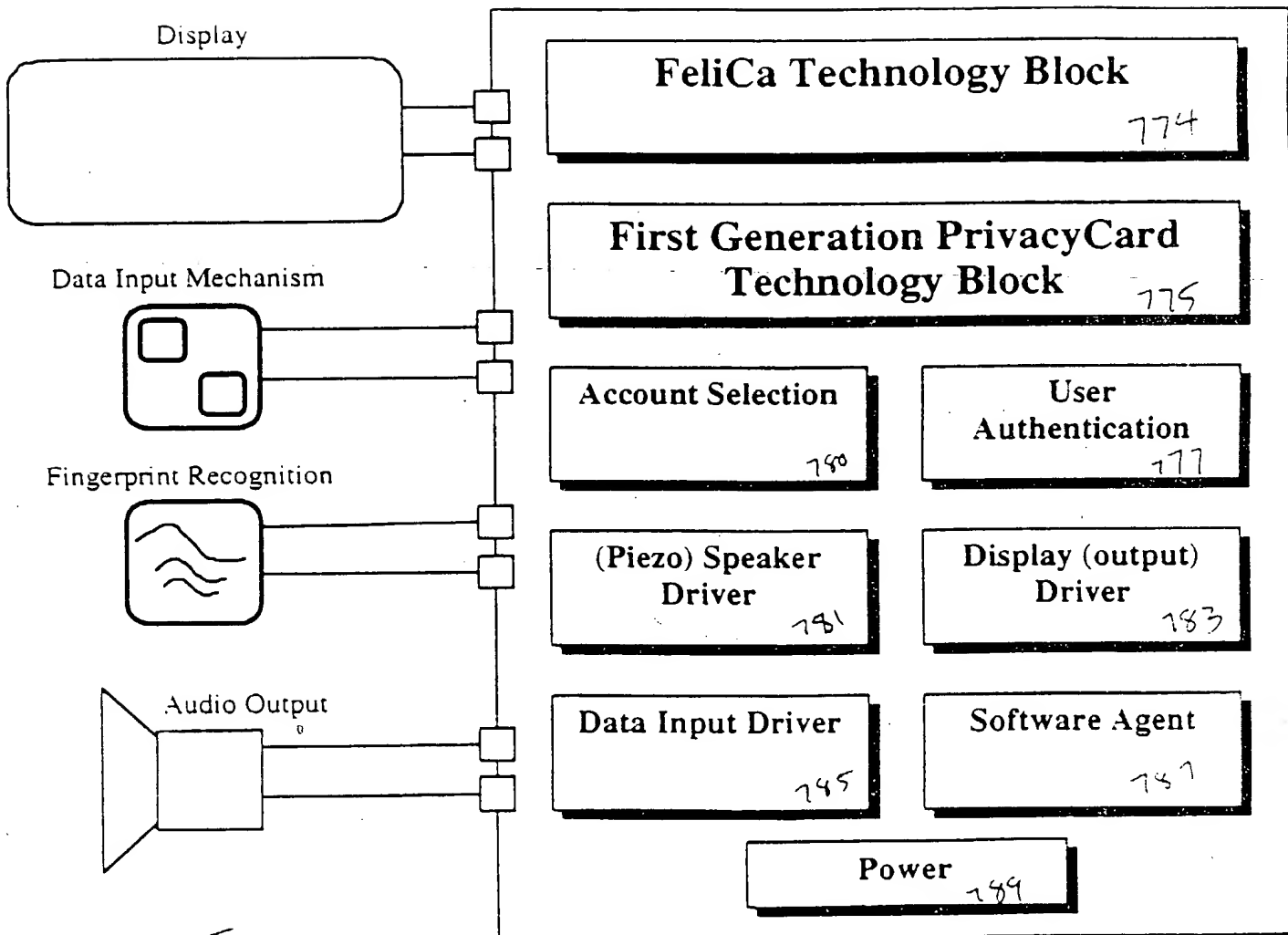


Fig. 7c

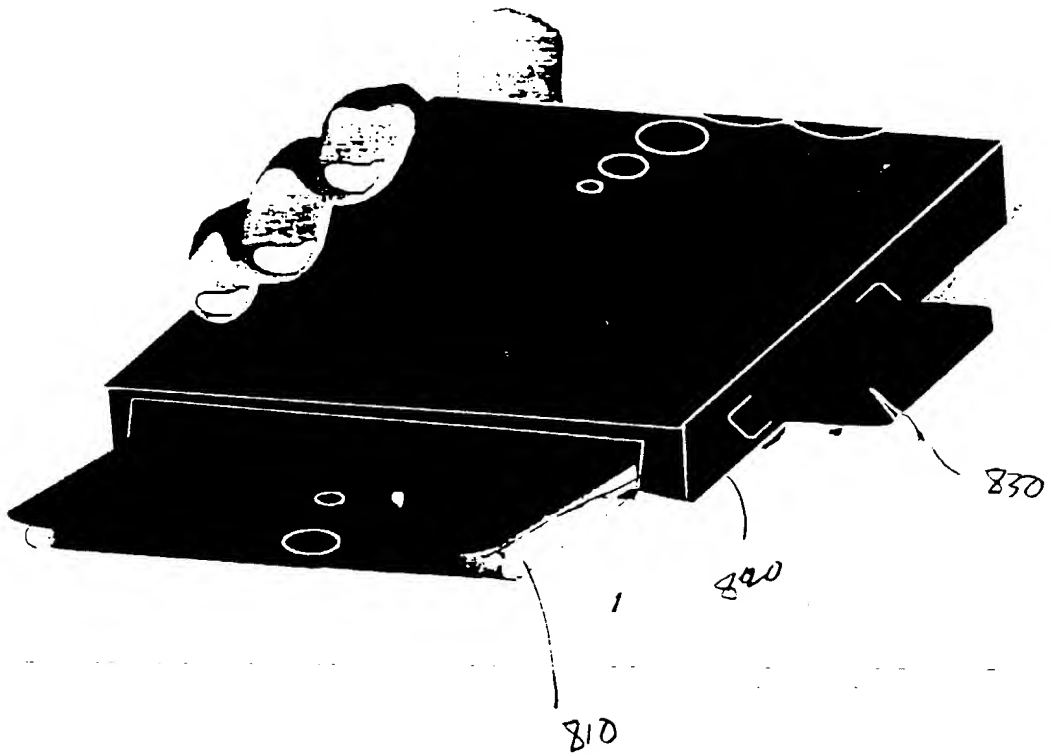


Fig 8

Digital Wallet and
Privacy Card

Digital Wallet

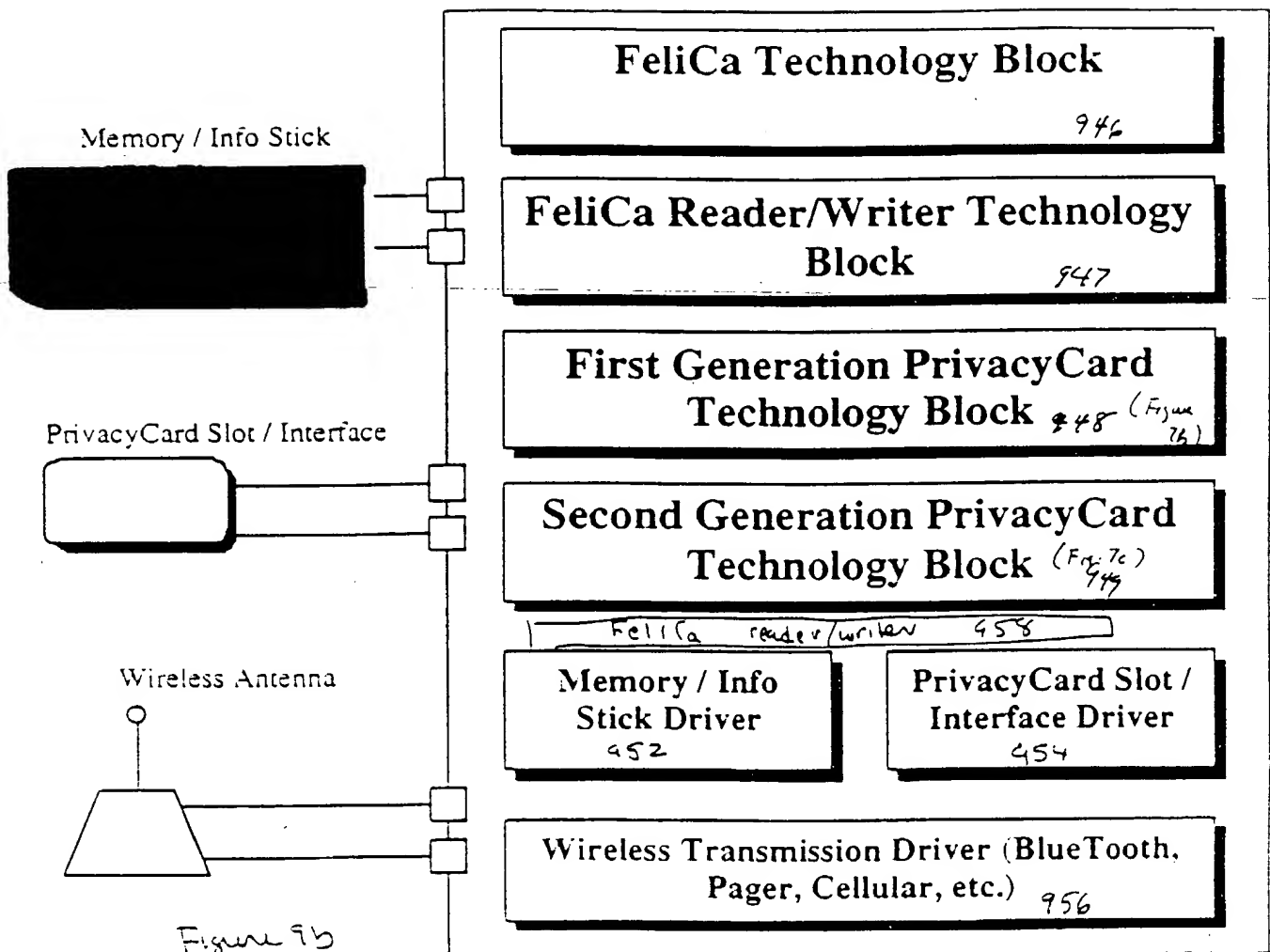


Figure 7b

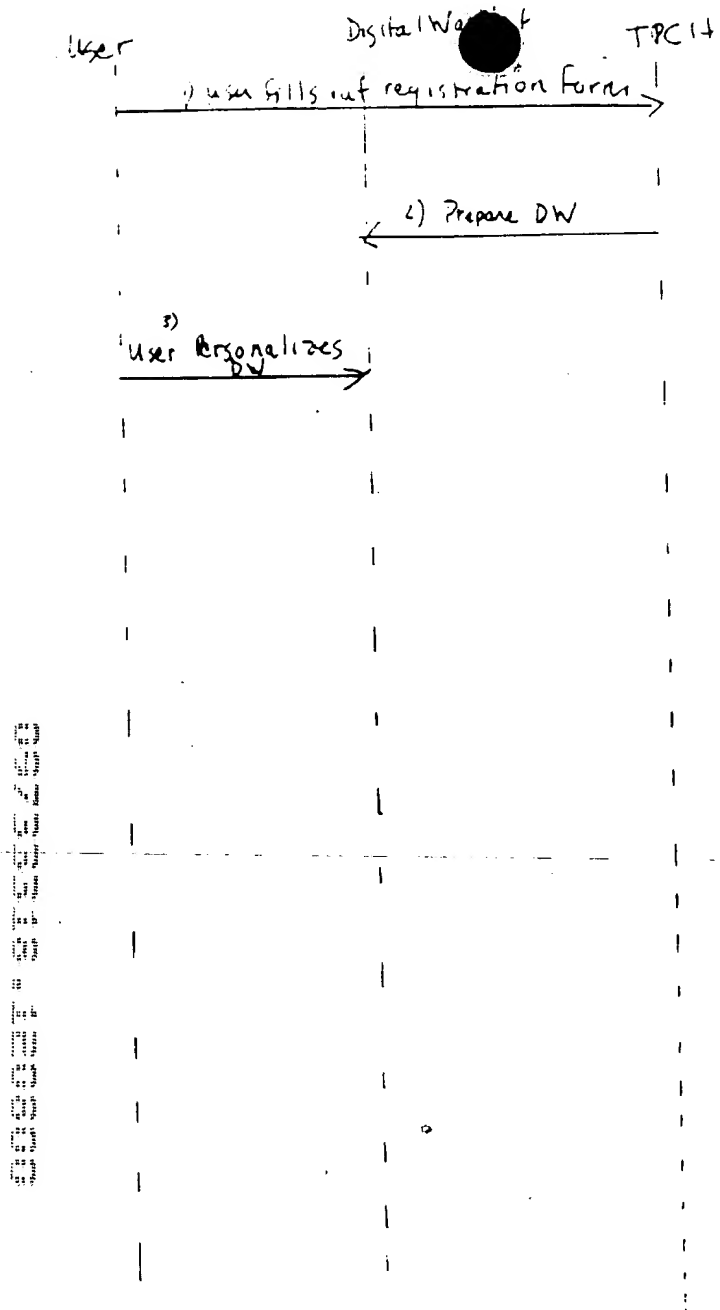


Fig. 13

Setup of Digital wallet

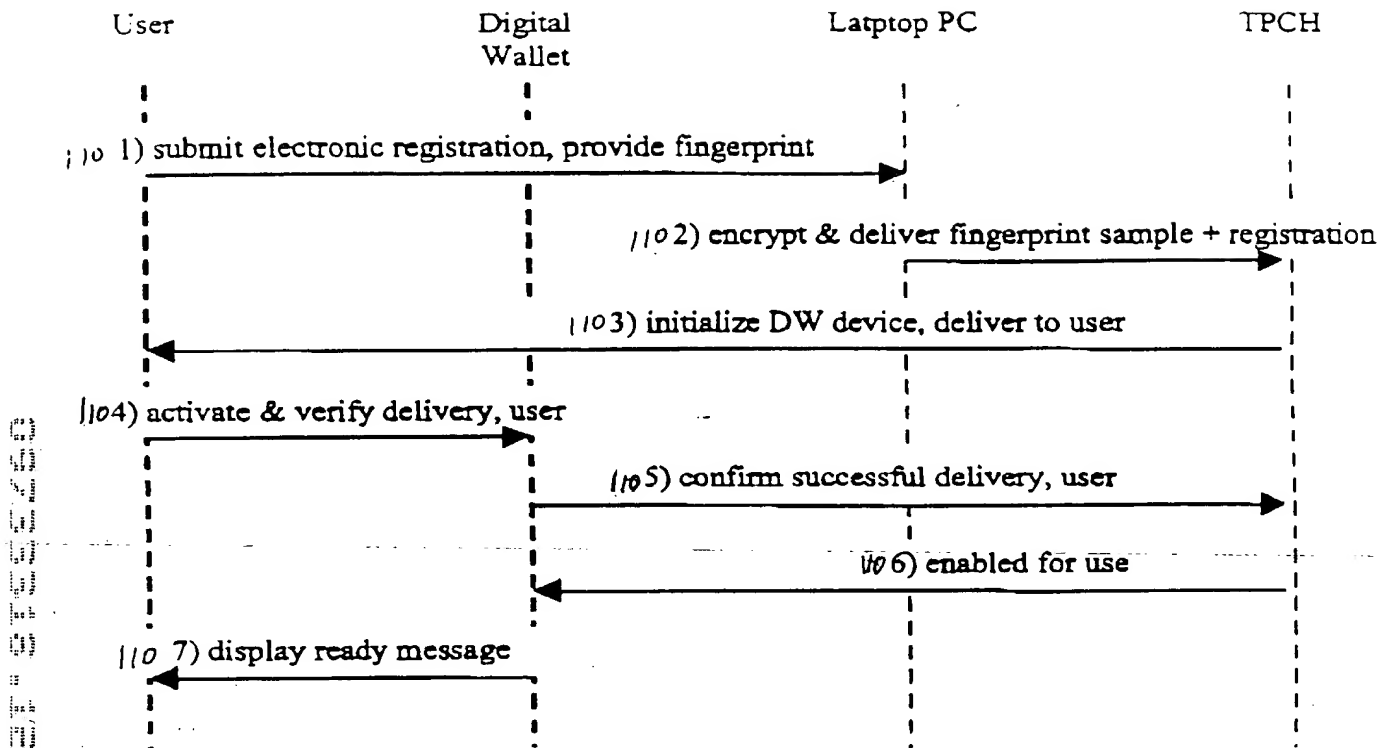


Fig 11

Digital Wallet Setup
(Alternate Embodiment)

USER

AD

Digital Wallet

TPC/ID

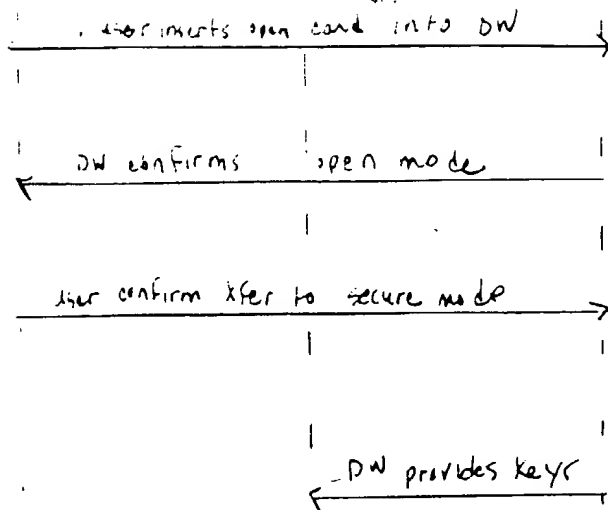
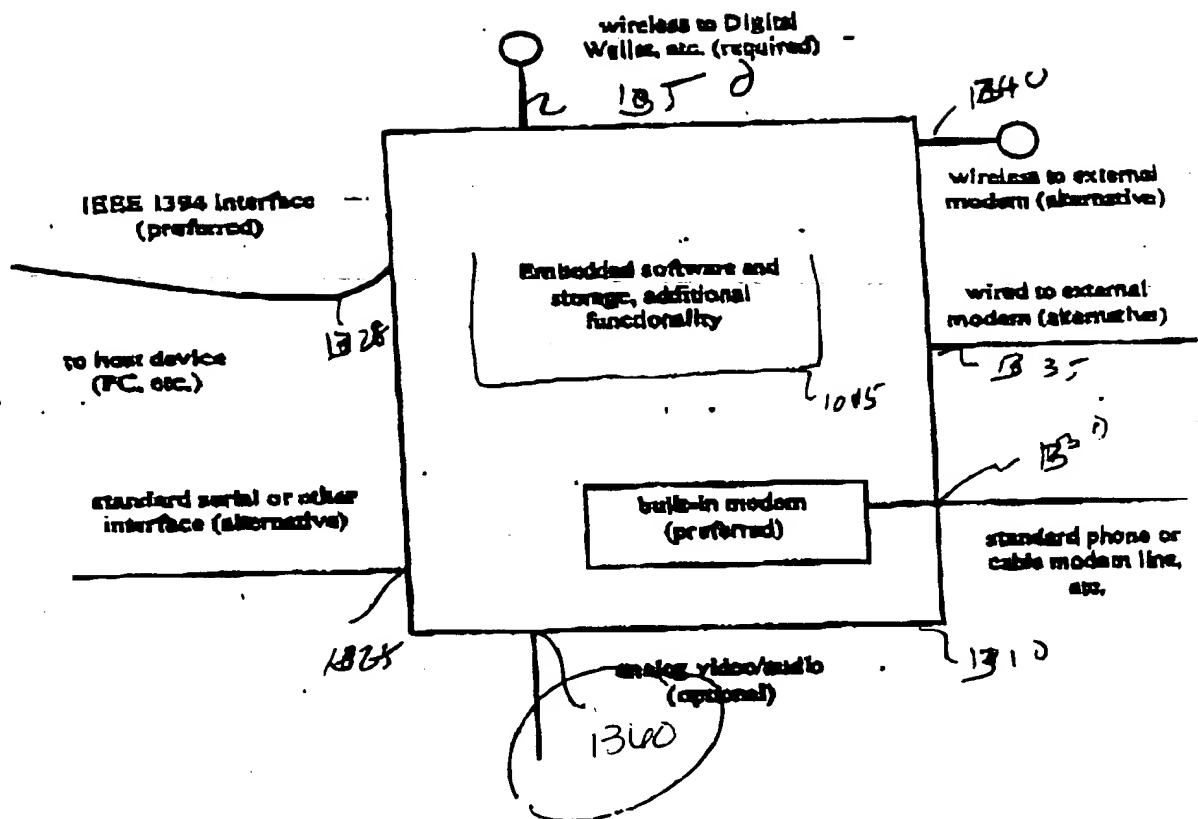


Fig. V.2

conversion of card to secure



POS Terminal

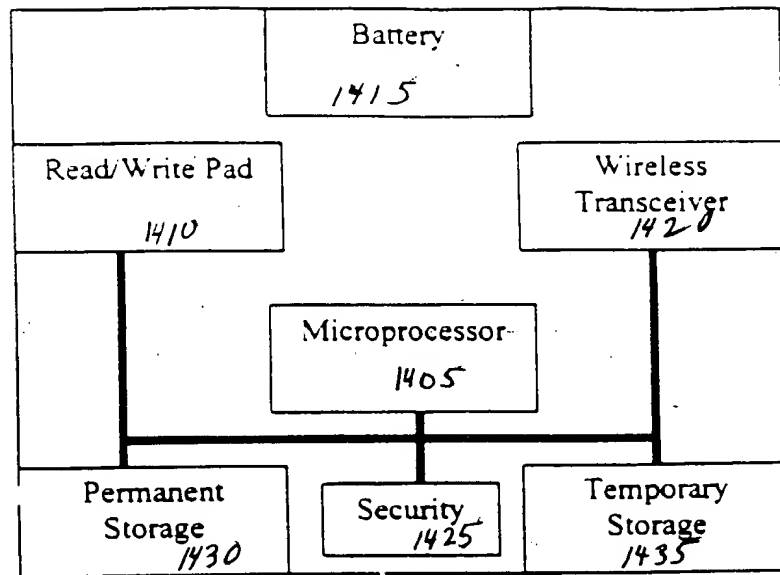


Diagram of the major components of the PersonalPOS,
showing the data/address bus interconnect.

Fig 14

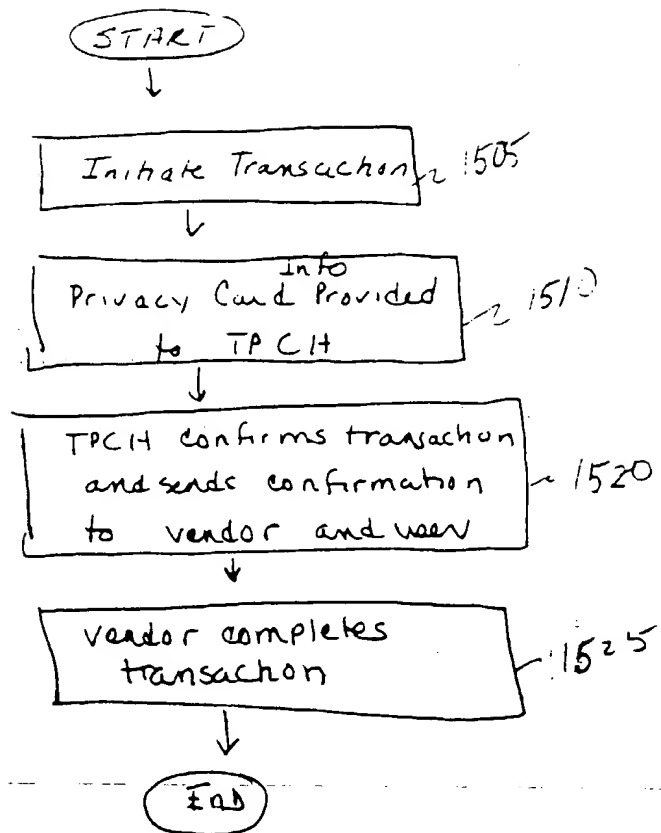


Fig. 15

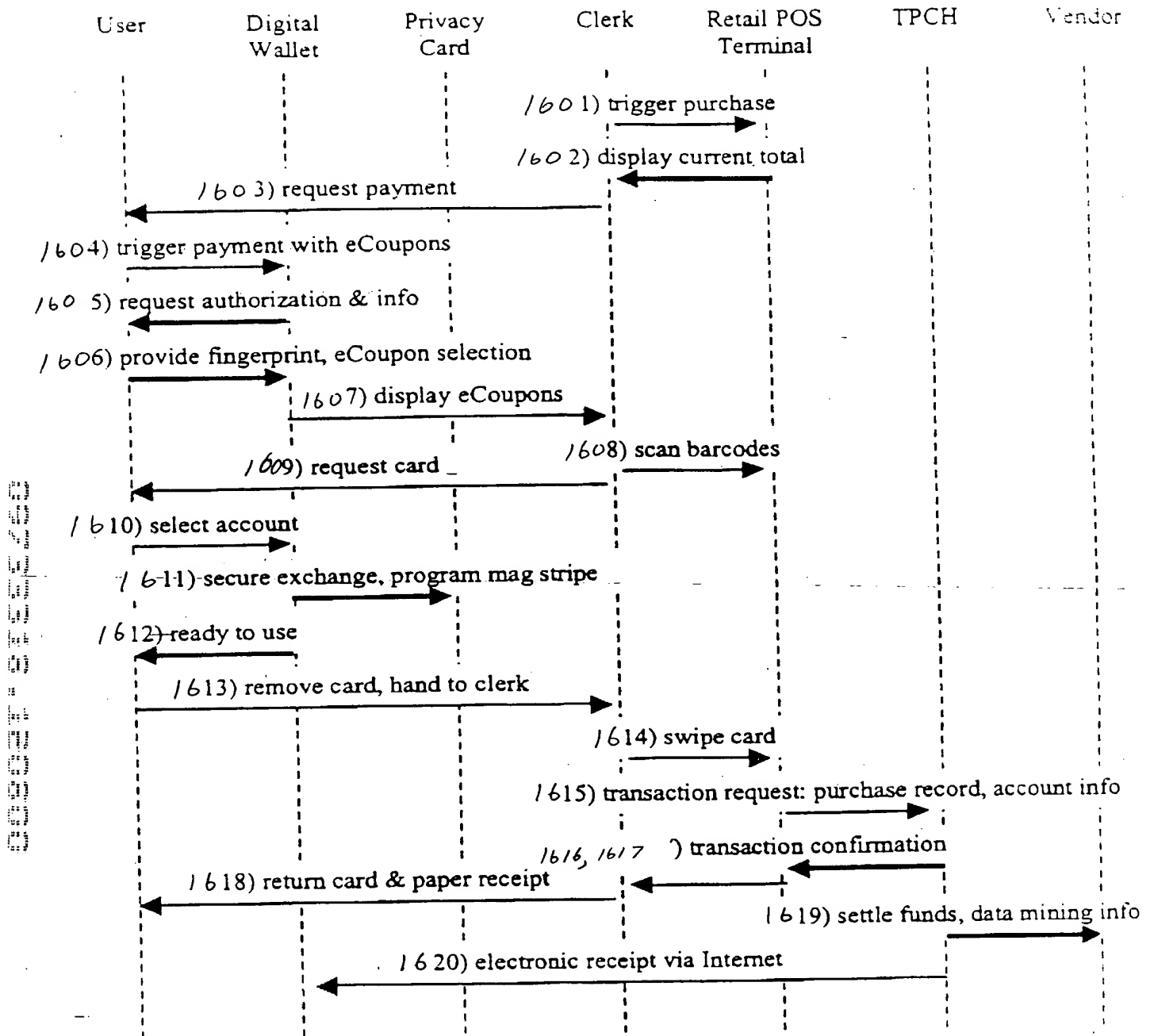


Fig 16

Retail Transaction

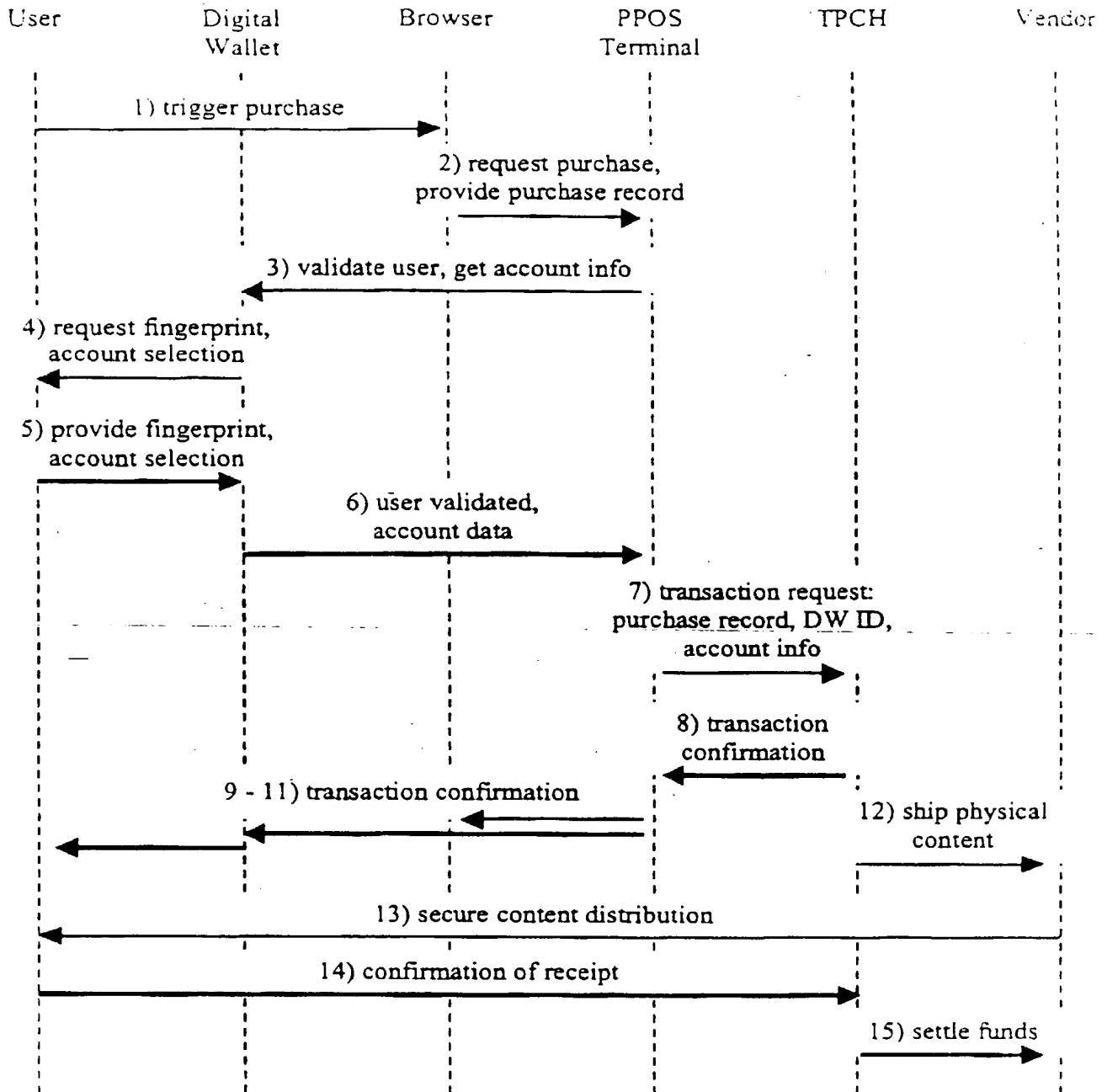


Fig. 17

Web Transaction

1801) assign unique package_ID
1802) encode user_physical_address, related to package_ID
1803) package content, apply coded label
1804) pickup, read-label, associate address
1805) deliver to user
1806) activate, confirm acceptance of delivery
1807) confirm acceptance of product

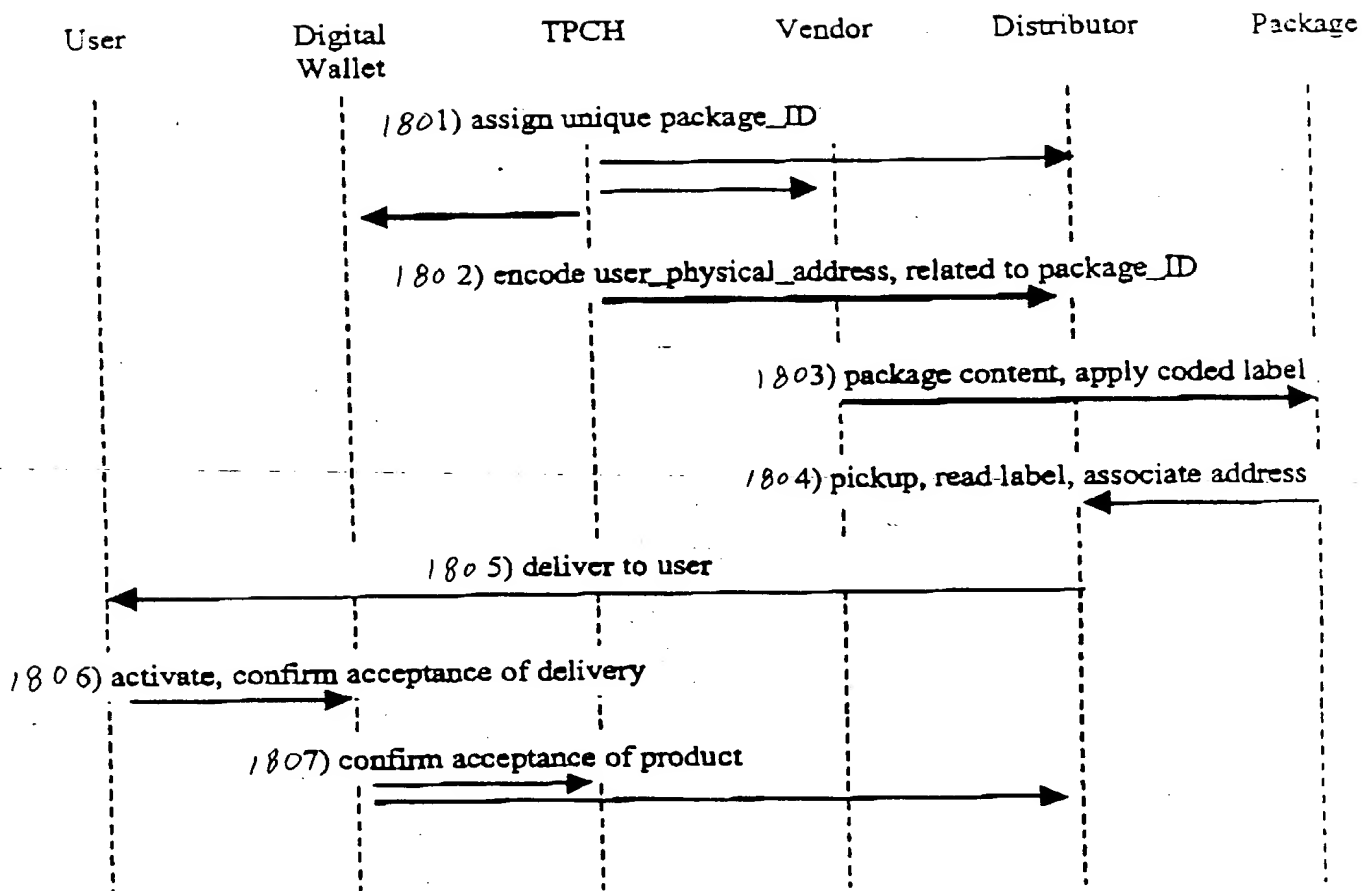


Fig. 18

Delivery of Product

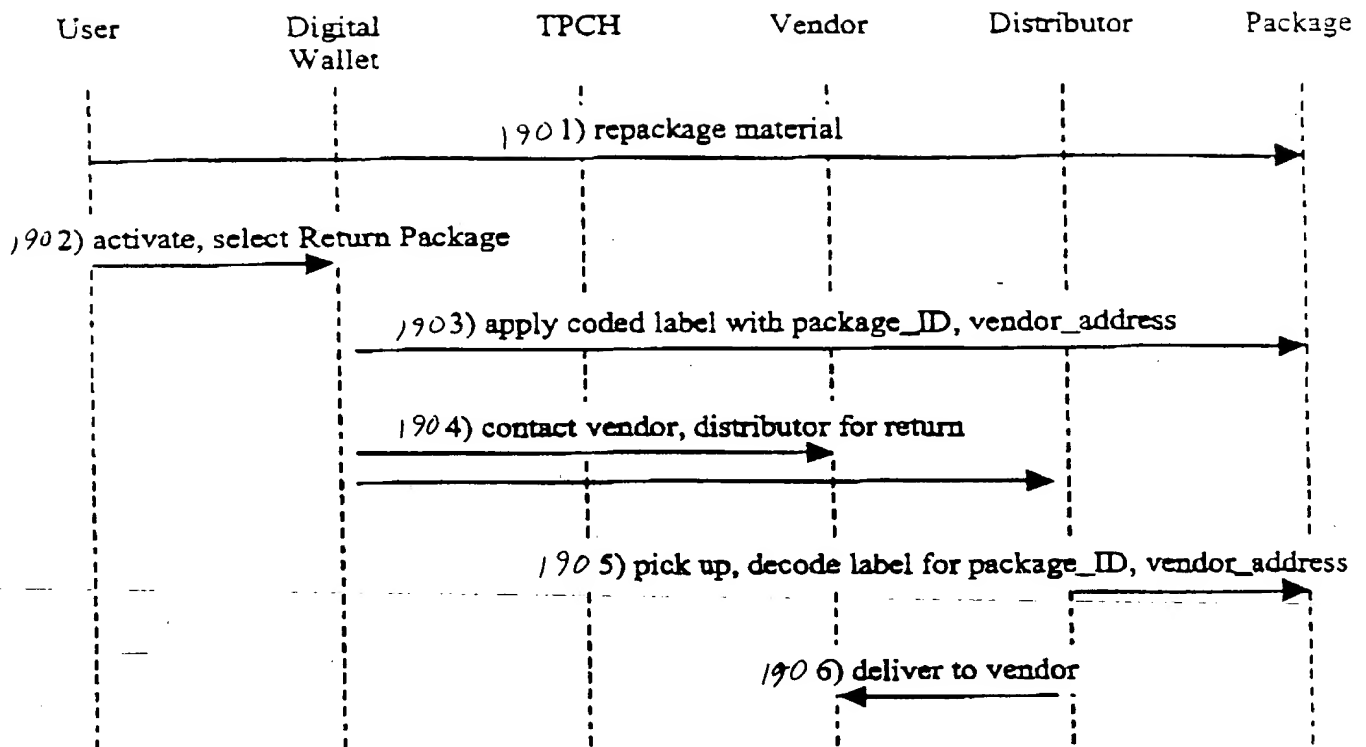


Fig. 19

Return of Product

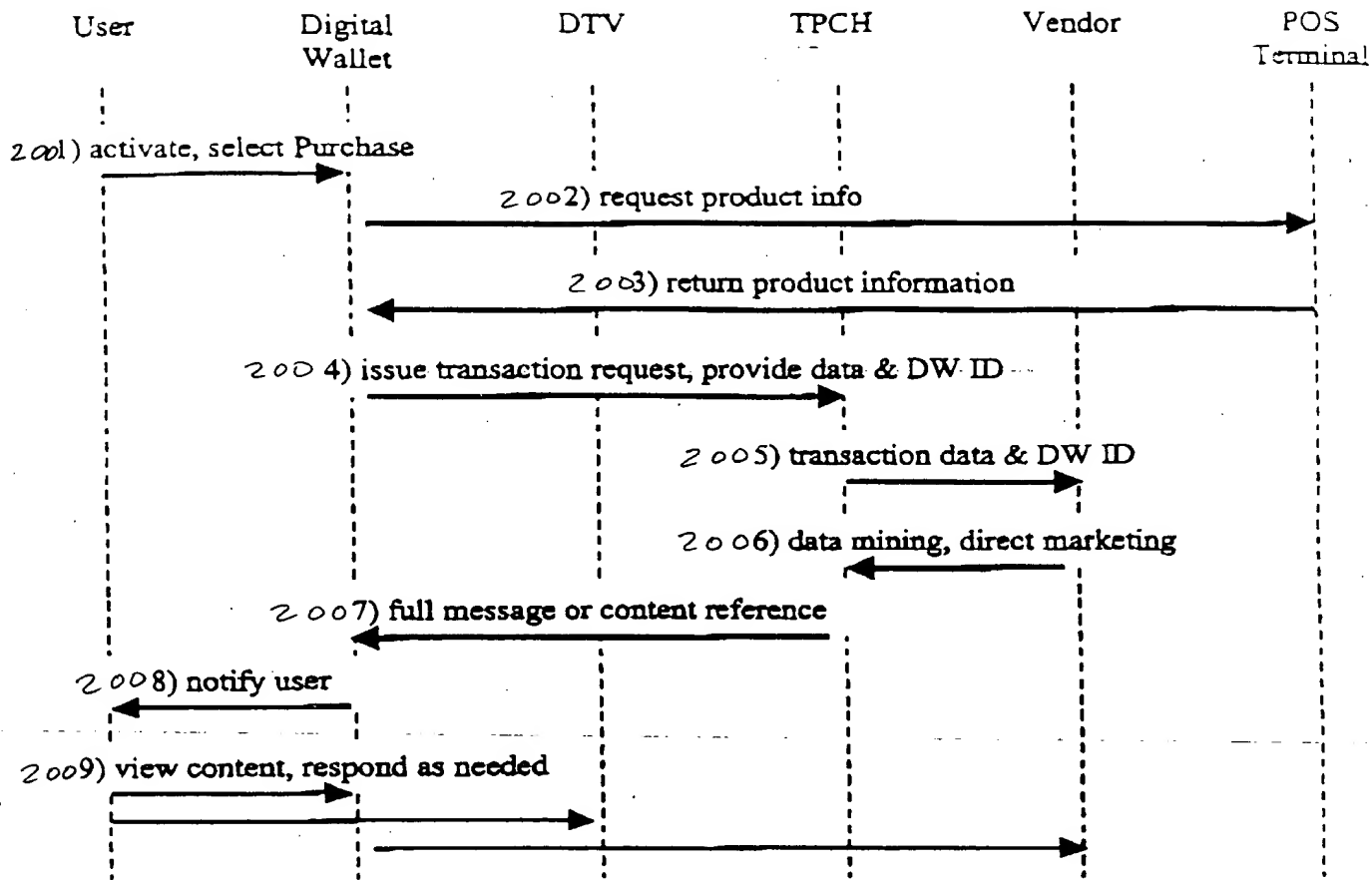


Fig 20

Data Mining

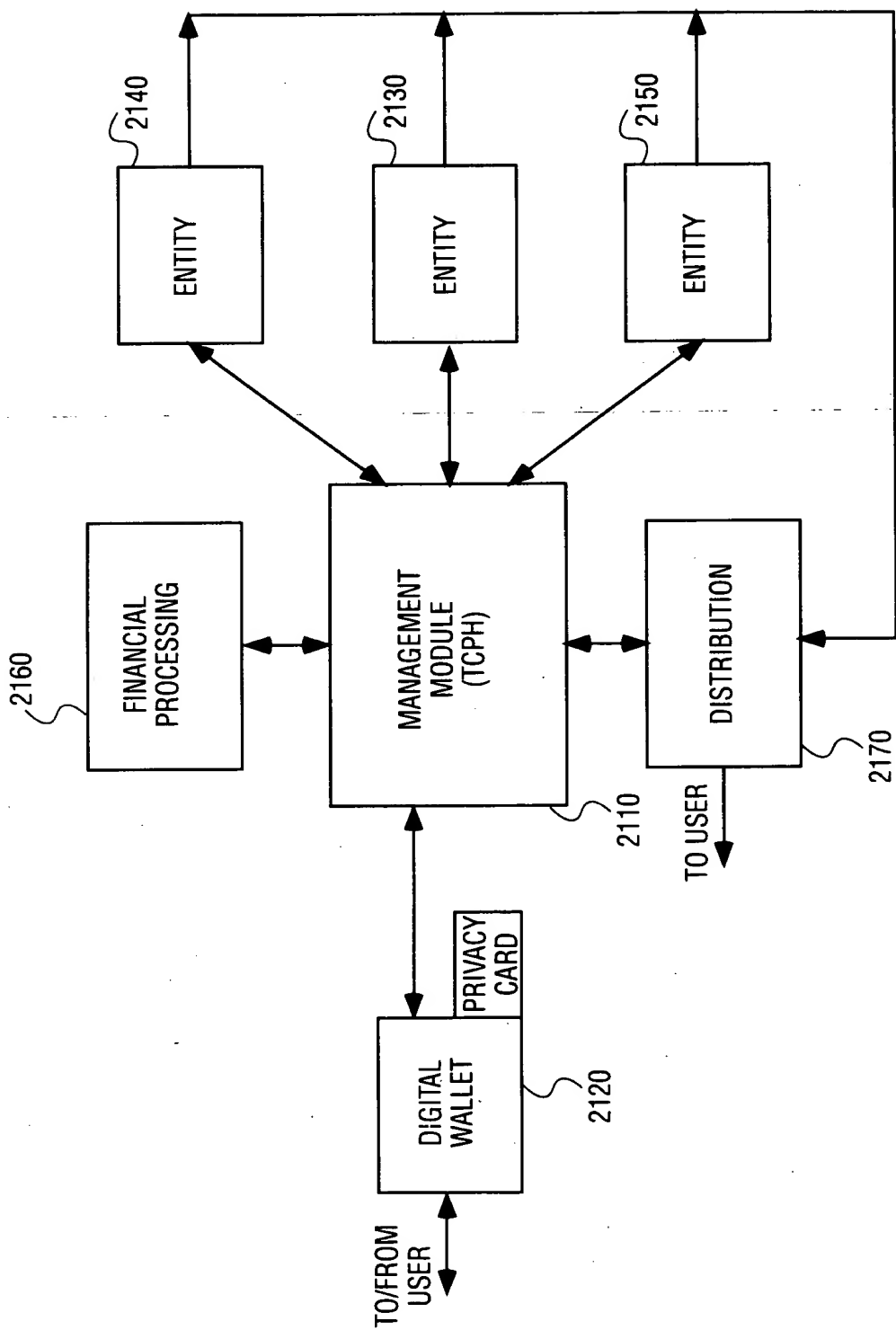


FIG. 21

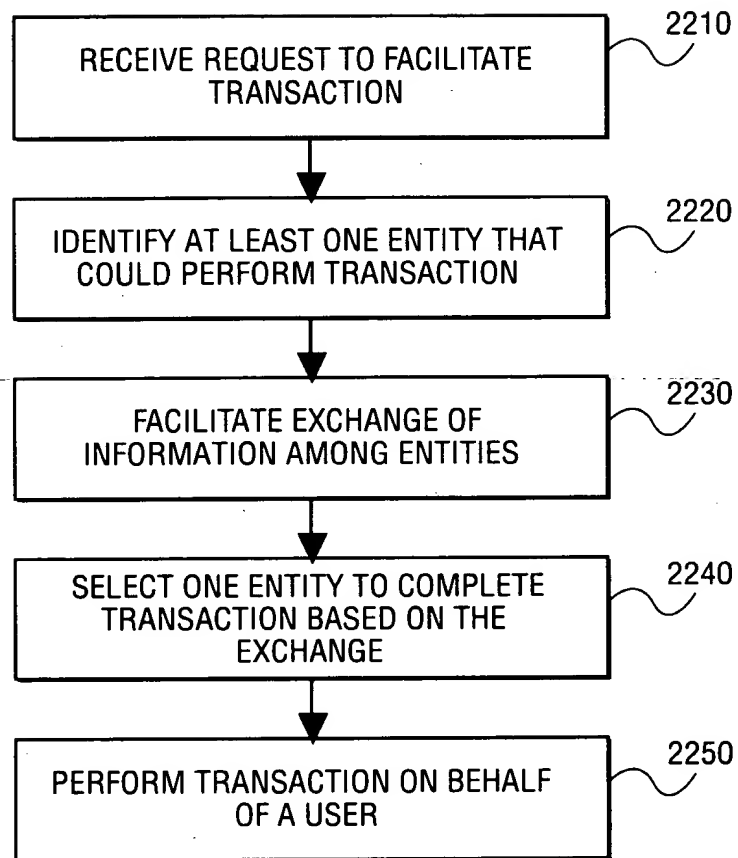


FIG. 22

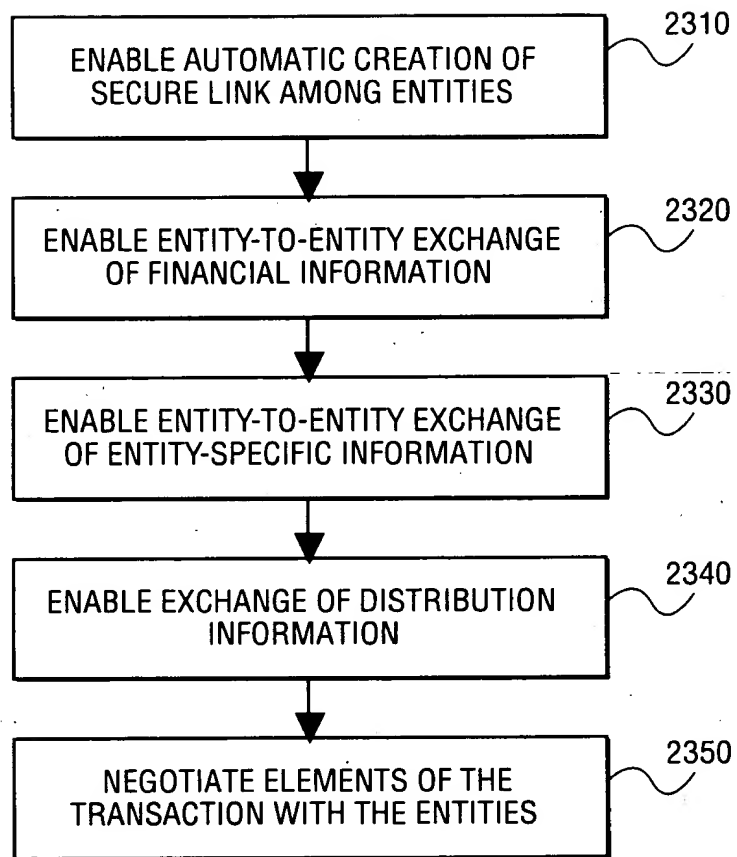


FIG. 23